

PROJECT DISCRIPTION

GENERAL:

THIS PROJECT INVOLVES THE INSTALLATION OF INTERSECTION CONTROL BEACONS FOR THE INTERSECTIONS OF U.S. 50 AND SIXTY FOOT ROAD IN WICOMICO COUNTY.
U.S. 50 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION.

INTERSECTION OPERATION:

THE INTERSECTIONS WILL OPERATE IN A FLASHING MODE WITH INDICATIONS FOR US 50 FLASHING YELLOW AND INDICATIONS FOR SIXTY FOOT ROAD FLASHING RED.

EQUIPMENT LIST "A"

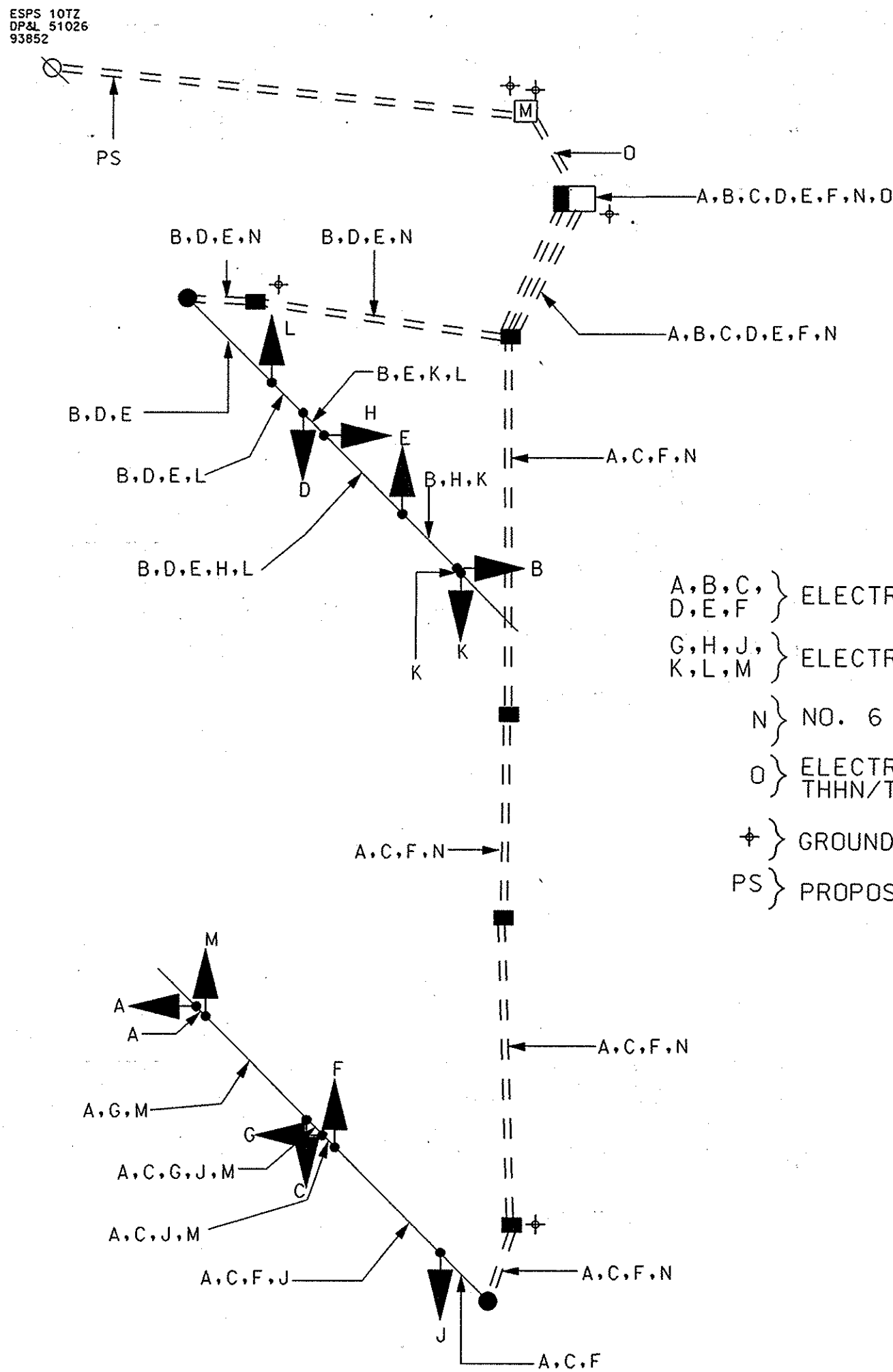
A. EQUIPMENT TO BE SUPPLIED BY SHA AND INSTALLED BY THE CONTRACTOR.

ITEM NO.	QUANTITY	DESCRIPTION
9000	1 EA	NEMA EIGHT-PHASE FULLY-ACTUATED SYSTEM CONTROLLER WITH ALL NECESSARY EQUIPMENT HOUSED IN A NEMA SIZE " 6" BASE MOUNTED CABINET.
9571	82 SF.	SHEET ALUMINIUM SIGNS MAST ARM/POLE MOUNTED 2 EA. D-3(2) "Sixty Foot Rd." (VAR. X 16") SINGLE FACE (Diagonally Mounting Hardware) ASSOCIATED SHIELD ASSEMBLY SIGNS 1 EA. EAST, US 50, RIGHT ARROW (30" X 51") 1 EA. WEST, US 50, LEFT ARROW (48" X 75") 1 EA. WEST, US 50, RIGHT ARROW (30" X 51") 1 EA. EAST, US 50, LEFT ARROW (48" X 75")

PHASE CHART

	1	2	3	4	5	6	7	8	9	10	11	12
	(Y)	(Y)	(Y)	(Y)	(R)	(R)	(R)	(R)	(R)	(R)	(R)	(R)
FLASHING OPERATION	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R

WIRING DIAGRAM



WIRING KEY

- A, B, C, D, E, F } ELECTRICAL CABLE 7 - CONDUCTOR (NO. 14 AWG)
G, H, J, K, L, M } ELECTRICAL CABLE 5 - CONDUCTOR (NO. 14 AWG)
N } NO. 6 AWG STRANDED BARE COPPER WIRE
O } ELECTRICAL CABLE 1-CONDUCTOR (NO. 4 AWG) THHN/THWN (3 WIRES)
+ } GROUND ROD
PS } PROPOSED SERVICE FEED

EQUIPMENT LIST "B"

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR

ITEM NO.	QUANTITY	DESCRIPTION
1001	1 EA.	MAINTENANCE OF TRAFFIC
8001	12 EA.	12 IN. LED SIGNAL HEAD SECTION
8018	2 EA.	MAST ARM POLE AND 70 FOOT MAST ARM
8034	220 LF.	SCHEDULE 80 RIGID PVC CONDUIT UP TO 4" - TRENCHED
8035	275 LF.	SCHEDULE 80 RIGID PVC CONDUIT UP TO 4" - BORED
8038	82 SF.	INSTALL OVERHEAD AND/OR GROUND MOUNT SIGNS
8040	395 LF.	NO. 6 AWG STRANDED BARE COPPER GROUND WIRE
8042	1 EA.	METERED SERVICE PEDESTAL EMBEDDED
8044	55 LF.	ELECTRICAL CABLE 1-CONDUCTOR NO.4 AWG THHN/THWN (3 WIRES)
8046	5 EA.	FURNISH AND INSTALL ELECTRICAL HANDHOLE
8055	145 LF.	ELECTRICAL CABLE - 5 CONDUCTOR (NO. 14 AWG)
8056	1710 LF.	ELECTRICAL CABLE - 7 CONDUCTOR (NO. 14 AWG)
8064	1 EA.	INSTALL CONTROLLER AND CABINET - BASE MOUNT

EQUIPMENT LIST "C"

NONE

PROJECT CONTACTS

CONTACT PERSONS FOR SHA ARE AS FOLLOWS:

MR. GENE COFIELL
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STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

US 50 AT SIXTY FOOT ROAD

GENERAL INFORMATION SHEET

SCALE None DATE 12-14-06 CONTRACT NO. AT 9095185

DESIGNED BY H. O. COUNTY WICOMICO
DRAWN BY H. O. LOGMILE 22005025.43
CHECKED BY T.H. TOD N.O.
F.A.P. NO. TOD NO.

TS NO. 4530 DRAWING - OF SHEET NO. 2 OF 2

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